

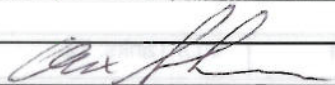
# U.S. EPA Facility Response Plan (FRP) -- Review Form

## I. Facility Information

FRP Number:	Facility Name: Global Companies LLC - Revere Terminal		
Facility Owner: Global Companies LLC			
Facility Operator (if different from owner): SAME			
Mailing Address: 140 Lee Burbank Highway			
City: Revere	State: MA	Zip: 02151	
Telephone: 617-660-1150		Fax: 617-660-1190	
Latitude: 42 23' 55" N		Longitude: 71 00'19" W	
Other Description or Directions:			
Site Location Map Attached (Y/N) :			

## II. Facility Overview

Date of Initial Facility Operation:	1930s		
Total Storage Capacity (bbls/gals):	92,106,512 gal	# Of Tanks: 72	
Worst Case Discharge (bbls/gals):	201,319 bbls		
Actual Worst Case Discharge (barrels) calculated from Worst Case Discharge Worksheet			
Actual Worst Case Discharge (gallons) calculated from Worst Case Discharge Worksheet			
Capacity of Largest Above Ground Storage Tank (bbls/gals): 8,455,392 gal			
Name of Affected Waterway(s)/Protected Waterway(s)/Environmentally Sensitive Area (A): Chelsea River, Sales Creek			
Distance from Facility: Adjacent			
Response Contractor(s): NRC, Clean Harbors			
Yes	No		
X		Standard Response Plan Cover Sheet Submitted with Plan.	
X		Emergency Response Action Plan Submitted with Plan or as Separate Part of Plan.	
X		Facility Response Plan Follows 40 CFR 112 Appendix F Format.	

III. FRP Applicability [40 CFR 112.20 (f)(1)]			
X	The facility transfers oil over water to or from vessels and has a total oil storage capacity greater or equal to 42,000 gallons.		
	-OR-		
	The facility's total oil storage is greater than or equal to 1 million gallons, and one of the following is true:		
	The facility does not have secondary containment for each aboveground storage area sufficiently large to contain the capacity of the largest aboveground oil storage tank within each storage area plus sufficient freeboard to allow for precipitation.		
X	The facility is located at a distance such that a discharge from the facility could cause injury to fish and wildlife and sensitive environments.		
	The facility is located at a distance such that a discharge from the facility would shut down a public drinking water intake.		
	The facility has had a reportable spill in an amount greater than or equal to 10,000 gallons with in the last 5 years.		
	Substantial Harm Facility		Significant and Substantial Harm Facility
Reviewed by:	Elsbeth Hearn	Date:	3/14/2017
FRP Status:		Date:	
Approved by:		Date:	6/15/17

**NOTE:** The following checklist items correspond to the final regulations as outlined in 40 CFR 112.20, Appendix F. For all checklist items, indicate FRP adequacy as follows: adequately addressed (YES), deficient or not addressed (NO), or not applicable (N/)

# Facility Response Plan Plan Review Checklist

For Verifying Compliance with Facility Response Plan Requirements

Activity Information	
Activity Type	FRP Plan Review
Reason for Review	<input type="checkbox"/> Initial Plan Submittal (new FRP) <input checked="" type="checkbox"/> 5-year Review <input type="checkbox"/> Plan Amendment (note type) <input type="checkbox"/> Other (note other reason) Note:
Activity Date	3/14/2017 Plan Review
EPA Inspector	Elsbeth Hearn

112.20(h)(11)	A. Response Plan Cover Sheet (sec. 2.0)	YES	NO	N/A
	<b>General Information (sec 2.1)</b>			
	Facility name	X		
	Facility address	X		
	Facility telephone number	X		
	Mailing address (if different from facility address)	X		
	Facility owner/operator and address ( <b>recommended</b> )	X		
	Facility owner telephone ( <b>recommended</b> )	X		
	Dun & Bradstreet number	X		
	Longitude (degrees, minutes, seconds)	X		
	Latitude (degree, minutes, seconds)	X		
	North American Industrial Classification System (NAICS) code	X		
	Facility start up date ( <b>recommended</b> )	X		
	Facility acres ( <b>recommended</b> )	X		
	Name of protected waterway or environmentally sensitive area	X		
	Distance to navigable water	X		
	Worst case discharge amount (gallons)	X		
	Maximum oil storage capacity (gallons)	X		
	Largest aboveground storage tank (AST) capacity (gallons)	X		
	Total number of ASTs	X		
	Total number of underground storage tanks (USTs)	X		
	Total UST storage	X		
	Total storage of drums and transformers that contain oil	X		
	Number of surface impoundments and total storage of surface impoundments	X		

	<b>Applicability of Substantial Harm Criteria (sec.2.2)</b>			
	Attachment C-1 with answer to each applicability question	X		
	Documentation of reliability and analytical soundness of alternate formula			X
	<b>Certification (sec. 2.3)</b>			
	Plan holder certification is included (contains signature, title, and date)	X		
	<b>Verification of Contract (sec. 2.4)</b>			
	Plan holder certification is included (contains signature, title, and date)	X		

112.20(h)(1)	<b>B. Emergency Response Action Plan (ERAP) (sec. 1.1)</b>	YES	NO	N/A
112.20(h)(1)	Separate Section of FRP	X		
112.20(h)(1)(i),	Qualified Individual (QI) Information (sec. 1.2)	X		
112.20(h)(1)(ii), 112.20(h)(3)(iii)	Emergency Notification List (sec. 1.3.1)	X		
	Spill Response Notification Form (sec. 1.3.1)	X		
112.20(h)(1)(iv)	Response Equipment List and Location (sec. 1.3.2)	X		
112.20(h)(1)(iv)	Response Equipment Testing and Deployment (sec. 1.3.4)	X		
112.20(h)(1)(v)	Facility Response Team List (sec. 1.3.4)	X		
112.20(h)(1)(vi)	Evacuation Plan (sec. 1.3.5)	X		
112.20(h)(1)(vii)	Immediate Actions (sec. 1.7.1)	X		
112.20(h)(1)(viii)	Facility Diagrams (sec. 1.9)	X		
	*The sections above should be extracted from the more detailed corresponding sections of the plan.			

112.20(h)(2)	C. Facility Information (sec. 1.2)	YES	NO	N/A
	Facility name (sec. 1.2.1)	X		
	Street address	X		
	City, state, zip code	X		
	County	X		
	Phone number	X		
	Latitude/longitude (sec. 1.2.2)	X		
	Wellhead protection area (sec. 1.2.3)	X		
	Owner/operator (both names included, if different) (sec. 1.2.4)	X		
	QI Information (sec. 1.2.5)	X		
	-Name, position, street address, phone numbers	X		
	- Description of specific response training experience	X		
	Oil storage start-up date (sec. 1.2.6)	X		
	Facility operations description (sec. 1.2.7)	X		
	North American Industrial Classification System (NAICS) or Standard Industrial Classification code (SIC)	X		
	Dates and types of substantial expansion (sec. 1.2.8)	X		

112.20(h)(1) and (3)	D. Emergency Response Information (sec. 1.3)	YES	NO	N/A
	<b>Notification (sec. 1.3.1)</b>			
	<b>Emergency Notification Phone List</b>	X		
	National Response Center phone number	X		
112.20(h)(1)(i)	QI (day and evening) phone numbers	X		
	Company response team (day and evening) phone numbers	X		
	Federal On-Scene Coordinator (OSC) and/or Regional Response Center (day and evening) phone numbers	X		
	Local response team phone numbers (fire department/cooperatives)	X		
	Fire marshal (day and evening) phone numbers	X		
	State emergency response phone number(s)	X		
	State Police phone number	X		
	State Emergency Response Commission (SERC) phone number	X		
	Local emergency planning committee (LEPC) phone number	X		
	Wastewater treatment facility(s) name and phone number ( <b>recommended</b> )	X		

	Local water supply system (day and evening) phone numbers	X		
	Weather report phone number	X		
	Local television/radio phone number(s) for evacuation notification	X		
112.20(h)(3)(i)	Spill response contractor(s)	X		
	Factories/Utilities with water intakes ( <b>recommended</b> )	X		
	Trustees of sensitive areas ( <b>recommended</b> )	X		
	Hospital phone number	X		
	<b>Spill Response Notification Form</b>			
	Reporter's name, position and phone number	X		
	Company information	X		
	Incident description (source/cause)	X		
	Material (were materials discharged?)	X		
	Response action (meeting federal obligations to report, calling for responsible party, time called)	X		
	Impact	X		
	Date/time of incident, incident address/location, nearest city/state/county/zip code, distance from city/units of measure/direction from city, township, range, borough, container type/tank oil storage capacity	X		
	Units of measure, facility oil storage capacity/units of measure, facility longitude and latitude	X		
112.20(h)(1)(iv), 112.20(h)(3)(vi)	<b>Response Equipment (sec 1.3.2)</b>			
	Equipment Information			
	Equipment list	X		
	Equipment location	X		
	Release handling capabilities and limitations (e.g., launching sites)	X		



112.20(h)(3)(vi)	<b>E. Response Equipment List ( Identify if Facility, OSRO, CO-OP owned by letters O, F, or C) (sec. 1.3.2)</b>	YES	NO	N/A
	Skimmers/pumps (operational status, type/model/year, number or quantity, capacity, daily effective recovery rate, storage location)	O,F		
	Boom (containment boom: operational status, year, number, skirt size)	O,C		
	Boom (sorbent boom: operational status, type/model/year, number, size (length))	F		
	Chemical countermeasure agents stored	F,O		
	Sorbents (type, year purchased, amount, storage location)	F,O		
	Hand tools (type, quantity, storage location)	F,O		
	Communications equipment (operational status, type and year, quantity, storage location)	F,O		
	Fire Fighting and Personnel Protective Equipment	F,O		
	Boats and Motors (operational status, type, and year, quantity, storage location)	O,C		
	Other (e.g., heavy equipment, cranes, dozers, etc.) (operational status, type and year, quantity, storage location)	O,F		
	Equipment Location	X		
	Amount of oil that emergency response equipment can handle and limitations (e.g., launching sites) must be described.	X		

112.20(h)(8)(i) and (ii)	<b>F. Response Equipment Testing and Deployment Drill Log (sec. 1.3.3)</b>	YES	NO	N/A
	Date of last inspection or equipment test	X		
	Inspection Frequency	X		
	Date of Last Deployment	X		
	Deployment Frequency	X		
	OSRO Certification (Note: Facilities without facility owned response equipment must ensure that the Oil Spill Removal Organization that is identified in the response plan to provide this response equipment certifies that the deployment exercises have been met)	X		





	G. Personnel (sec. 1.3.4)	YES	NO	N/A
112.20(h)(3)(v), 112.20(h)(1)(v)	<b>Emergency Response Personnel Information</b> (Personnel whose duties involve responding to emergencies, including oil discharges, even when they are not present at the site)			
	Response personnel name(s)	X		
	Facility response team title/position	X		
	Response personnel phone numbers (work/home, other)	X		
	Response personnel response time	X		
	Response personnel responsibility	X		
	Response personnel training (type and date)	X		
112.20(h)(3)(i)	<b>Emergency Response Contractor Information</b>			
	Response contractor name (s)	X		
	Response contractor phone numbers	X		
	Response contractor response time	X		
112.20(h)(3)(ii)	Response contractor evidence of contractual arrangements	X		
	<b>Facility Response Team Information</b> (Composed of Emergency Response Personnel and Emergency Response that will respond immediately)			
	Response team member name(s)	X		
	Response team member job function	X		
	Response team member response time	X		
	Response team member phone/pager number	X		
	Name of emergency response contractor (contractors providing facility response team services may be different than contractors providing oil spill response services)	X		
	- Response time	X		
	- Phone/pager	X		

112.20(h)(1)(vi), 112.20(h)(3)(vii)	H. Evacuation Plans (sec. 1.3.5)	YES	NO	N/A
	<b>Facility Evacuation Plan (sec. 1.3.5.1)</b>			
	Location of stored materials	X		
	Hazard imposed by spilled materials	X		
	Spill flow direction	X		
	Prevailing wind directions and speed	X		
	Water currents, tides, or wave conditions (if applicable)	X		
	Arrival route of emergency response personnel and response equipment	X		

	Evacuation routes	X		
	Alternative routes of evacuation	X		
	Transportation of injured personnel to nearest emergency medical facility	X		
	Location of alarm/notification systems	X		
	Centralized check-in area for roll call	X		
	Mitigation command center location	X		
	Location of shelter at facility	X		
112.20(h)(3)(vii), 112.20(h)(1)(vi)	Community Evacuation Plans referenced (sec. 1.3.5.3)	X		

112.20(h)(3)(ix)	I. Qualified Individual's Duties (sec. 1.3.6)	YES	NO	N/A
112.20(h)(3)(ix)(A)	Activate internal alarms and hazard communication systems	X		
112.20(h)(3)(ix)(B)	Notify Response Personnel	X		
112.20(h)(3)(ix)(C)	Identify character, exact source, amount, and extent of the release		X	
112.20(h)(3)(ix)(D)	Notify and provide information to appropriate Federal, State and local authorities		X	
112.20(h)(3)(ix)(E)	Assess interaction of spilled substance with water and/or other substances stored at facility and notify on-scene response personnel of assessment		X	
112.20(h)(3)(ix)(F)	Assess possible hazards to human health and the environment		X	
112.20(h)(3)(ix)(G)	Assess and implement prompt removal actions		X	
112.20(h)(3)(ix)(H)	Coordinate rescue and response actions		X	
112.20(h)(3)(ix)(I)	Access company funding to initiate cleanup activities	X		
112.20(h)(3)(ix)(J)	Direct cleanup activities	X		
112.20(h)(3) Assess QI duties as written - page 2-4 in the ICP				

112.20(h)(4)	J. Hazard Evaluation (sec. 1.4) (See Section II, Appendix A)	YES	NO	N/A
	<b>Hazard Identification (sec. 1.4.1)</b>			
	Tank Above Ground and Below Ground			
	Tanks (List Tanks by Number, Product and Shell Capacity in the space below)			
	Tank number(s)	X		
	Substance(s) stored	X		

	Quantity(s) stored	X		
	Tank type(s)/year(s) of construction	X		
	Shell capacity(s)	X		
	Failure(s)/cause(s)	X		
	<b>Surface Impoundments (SI)</b>			
	SI Number(s)			X
	Substance(s) Stored			X
	Quantity(s) Stored			X
	Surface area(s)/year(s) of construction			X
	Maximum capacity(s)			X
	Failure(s)/cause(s)			X
	Labeled schematic drawing			X
	Description of transfers (loading and unloading) and volume of material	X		
	Description of daily operations	X		
	Secondary containment volume(s)	X		
	Normal daily throughput of the facility	X		

112.20(h)(4)	<b>K. Vulnerability Analysis (sec. 1.4.2)</b> (See Appendix A - Calculation of the Planning Distance)	YES	NO	N/A
	Analysis of potential effects of an oil spill on vulnerable areas. (Attachment C-III to Appendix C to this part provides a method that owners or operators shall use to determine appropriate distances from the facility to fish and wildlife and sensitive environments. Owners or operators can use a comparable formula that is considered acceptable by the Regional Administrator (RA). If a comparable formula is used, documentation of the reliability and analytical soundness of the formula must be attached to the Response Plan Cover Sheet.)			
	Water intakes (drinking, cooling or other)	X		
	Schools	X		
	Medical facilities	X		
	Residential areas	X		
	Businesses	X		
	Wetlands or other sensitive environments	X		
	Fish and wildlife	X		
	Lakes and streams	X		
	Endangered flora and fauna	X		
	Recreational areas	X		
	Transportation routes (air, land, and water)	X		

	Utilities	X		
	Other applicable areas of economic importance (list below)	X		

112.20(h)(4)	L. Analysis of the Potential for an Oil Spill (sec. 1.4.3)	YES	NO	N/A
	Description of likelihood of release occurring	X		
	Oil spill history for the life of the facility	X		
	Horizontal range of potential spill	X		
	Vulnerability to natural disaster	X		
	Tank age	X		
	Other factors (e.g., unstable soils, earthquake zones, Karst topography, etc.)	X		

112.20(h)(4)	M. Facility Reportable Oil Spill History Description (sec. 1.4.4)	YES	NO	N/A
	Date of discharge(s)	X		
	List of discharge causes	X		
	Material(s) discharged	X		
	Amount of discharges (gallons)	X		
	Amount that reached navigable waters (if applicable)	X		
	Effectiveness and capacity of secondary containment	X		
	Clean-up actions taken	X		
	Steps taken to reduce possibility of recurrence	X		
	Total oil storage capacity of tank(s) or impoundment(s) from which material discharged	X		
	Enforcement actions	X		
	Effectiveness of monitoring equipment	X		
	Description(s) of how each oil discharge was detected	X		

112 Appendix D	Correct Worst Case Discharge (WCD) calculation for specific type of facility	X		
	Correct WCD calculation for complexes	X		
112 Appendix E	Sufficient response resources for WCD	X		
	Sources and quantity of equipment for response to WCD	X		
	Oil storage capacity for recovered material	X		
<b>Scenarios Affected by the Response Efforts (sec. 1.5.1.2)</b>				
	Size of the discharge	X		
	Proximity to down gradient wells, waterways, and drinking water intakes	X		
	Proximity to fish and wildlife and sensitive environments	X		
	Likelihood that the discharge will travel offsite (i.e., topography, drainage)	X		
	Location of the material discharged (i.e., on a concrete pad or directly on the soil)	X		
	Material discharged	X		
	Weather or aquatic conditions (i.e., river flow)	X		
	Available remediation equipment	X		
	Probability of a chain reaction of failures	X		
	Direction of discharge pathway	X		

112.20(h)(6)	<b>P. Discharge Detection Systems (sec. 1.6)</b>	YES	NO	N/A
	<b>Discharge Detection by Personnel (sec. 1.6.1)</b>			
	Description of procedures and personnel for spill detection	X		
	Description of facility inspections	X		
	Description of initial response actions	X		
	Emergency Response Information (referenced)	X		

Section II, 112.7(e)(5)(iii)(D), 112.7(e)(5)(iii), 112.7(e)(2)(viii), 112.7(e)(7)(v), Appendix A	<b>Automated Discharge Detection (sec. 1.6.2)</b>			
	Description of automatic spill detection equipment, including overfill alarms and secondary containment sensors	X	X	
	Description of alarm verification procedures and subsequent actions	X	X	
	Initial response actions	X	X	
The automated alarms installed in 2016 were demonstrated as in operation during field inspection				

112.20(h)(7), Appendix E	<b>Q. Plan Implementation (sec. 1.7)</b>	YES	NO	N/A
	<b>Identification of response resources for small, medium, and worst case spills (sec. 1.7.1)</b>			
	Description of response actions			
	Accessibility of proper response personnel and equipment	X		
	Emergency plans for spill response	X		
	Additional response training	X		
	Additional contracted help	X		
	Access to additional response equipment/experts	X		
	Ability to implement plan, including response training and practice drills	X		
	Temporary storage	X		
	Recommended form detailing immediate action for small, medium and Worst Case spills (sec. 1.7.1.2A) (stop the product flow, warn personnel, shut off ignition sources, initiate containment, notify NRC, notify OSC, notify (as appropriate))	X		
	<b>Disposal Plan (sec. 1.7.2)</b>			
	Description of procedures for recovering, reusing, decontaminating or disposing of materials	X		
	Materials addressed in Disposal Plan (recovered product, contaminated soil, contaminated equipment and materials (including drums tank parts, valves and shovels), personnel protective equipment, decontamination solutions, absorbents, spent chemicals))	X		

	Plan prepared in accordance with any federal, state, and/or local regulations	X		
	Plan addresses permits required to transport or dispose of recovered materials	X		
Section II, 112.7(e)(1), 112.7(e)(7), Appendix A	<b>Containment and Drainage Planning (sec. 1.7.3)</b>			
	Description of containing/controlling a spill through drainage			
	Containment and drainage plan available	X		
	Available volume of containment	X		
	Drainage route from oil storage and transfer areas	X		
	Construction materials used in drainage troughs	X		
	Type and number of valves and separators in drainage system	X		
	Sump pump capacities	X		
	Containment capacities of weirs and booms and their location	X		
	Other cleanup materials	X		

	<b>R. Self-Inspection, Training, and Meeting Logs (sec. 1.8)</b>	YES	NO	N/A
	<b>Facility Self-Inspection (sec. 1.8.1)</b>			
Section II, 112.7(e)(8)	Records of tank inspections with dates (tank leaks, tank foundations, tank Piping) contained or cross-referenced in Plan or maintained electronically for five years	X		
Section II, 112.7(e)(8)	Records of secondary containment inspections with dates (dike or berm system, secondary containment, retention and drainage ponds) contained or cross-referenced in Plan or maintained electronically for five years	X		
112.20(h)(8)(i)	Response equipment inspection			
	Response equipment checklist (sec. 1.8.1.2)	X		
	Equipment inventory (item and quantity)	X		
	Storage location (time to access and respond)	X		
	Accessibility (time to access and respond)	X		
	Operational status/condition	X		
	Actual use/testing (last test date and frequency of testing)	X		



	Shelf life (present age, expected replacement date)	X		
	- Inspection date	X		
	- Inspector's signature	X		
	- Inspection records maintained for 5 years	X		
	- Response equipment inspection log (inspector, date, comments)	X		
	<b>Facility Drills/Exercises (sec. 1.8.2)</b>			
	Description of drill/exercise program based on National Preparedness for Response Exercise Program (PREP) guidelines or other comparable program	X		
	- If "no" alternative program has been approved by EPA RA (describe program below)			X
	QI notification drill	X		
	Spill management team tabletop exercise	X		
	Equipment deployment exercise	X		
	Unannounced exercise	X		
	Area exercise	X		
	Description of evaluation procedures for drill program	X		
	<b>Qualified Individual notification drill log (sec. 1.8.2.1)</b>			
	Date, company, qualified individual, other contacted, emergency scenario, evaluation	X		
	<b>Spill management team tabletop drill log (sec. 1.8.2.2)</b>			
	Date, company, QI, participants, emergency scenario, evaluation, changes to be implemented, time table for implementation	X		
	<b>Response Training (sec. 1.8.3)</b>			
	Description of response training program (including topics)	X		
	Personnel response training logs (name, response training date/and number of hours, prevention training date/and number of hours)	X		
	Discharge prevention meeting logs (date, attendees)	X		

	S. Diagrams (sec. 1.9)	YES	NO	N/A
	<b>Site Plan Diagram</b>			
	Entire facility to scale	X		
	Above and below-ground storage tanks	X		
	Contents and capacities of bulk oil storage tanks	X		
	Contents and capacities of drum storage areas	X		
	Contents and capacities of surface impoundments	X		
	Process buildings	X		
	Transfer areas	X		
	Location and capacity of secondary containment systems	X		
	Location of hazardous materials	X		
	Location of communications and emergency response equipment	X		
	Location of electrical equipment that might contain oil	X		
	If the facility is a complex facility, the interface between EPA and other regulating agencies	X		
	<b>Site Drainage Plan Diagram</b>			
	Major sanitary and storm sewers, manholes, and drains	X		
	Weirs and shut-off valves	X		
	Surface water receiving streams	X		
	Fire fighting water sources	X		
	Other utilities	X		
	Response personnel ingress and egress	X		
	Response equipment transportation routes	X		
	Direction of spill flow from discharge points	X		
	<b>Site Evacuation Plan Diagram</b>			
	Site plan diagram with evacuation routes	X		
	Location of evacuation regrouping areas	X		

Section II, 112.7(e)(9)	T. Site Security (sec. 1.10)	YES	NO	N/A
	• Description of facility security	X		
	(Emergency cut-off locations, enclosures, guards and their duties, lighting, valve and pump locks, pipeline connection caps)	X		

Reviewed by:	Elsbeth Hearn
Date:	3/14/2017

	N. Discharge Scenarios (sec. 1.5)	YES	NO	N/A
	<b>Small Discharges (sec. 1.5.1)</b> (Description of small discharges addressing facility operations and components including but not limited to (see. 1.5.1.1):			
	Loading and unloading operations	X		
	Facility maintenance operation	X		
	Facility piping	X		
	Pumping stations and sumps	X		
	Oil storage location	X		
	Vehicle refueling operations	X		
	Age and condition of facility components	X		
	Small volume discharge calculation for a facility	X		
	Facility-specific spill potential analysis	X		
	Average most probable discharge for complexes	X		
	1,000 feet of boom (1 hour deployment time)	X		
	Correct amount of boom for complexes	X		
	Oil recovery devices equal to small discharge (2 hour recovery time)	X		
	Oil storage capacity for recovered material	X		
	<b>Scenarios Affected by the Response Efforts (sec. 1.5.1.2)</b>			
	Size of the discharge	X		
	Proximity to down gradient wells, waterways, and drinking water intakes	X		
	Proximity to fish and wildlife and sensitive environments	X		
	Likelihood that the discharge will travel offsite (i.e., topography, drainage)	X		
	Location of the material discharged (i.e., on a concrete pad or directly on the soil)	X		
	Material discharged	X		
	Weather or aquatic conditions (i.e., river flow)	X		
	Available remediation equipment	X		
	Probability of a chain reaction of failures	X		
	Direction of discharge pathway	X		
	<b>Medium Discharges (sec. 1.5.1)</b> (Description of medium discharges scenarios addressing facility operations and components including but not limited to (sec. 1.5.1.1):			
	Loading and unloading operations	X		
	Facility maintenance operation	X		
	Facility piping	X		
	Pumping stations and sumps	X		
	Oil storage location	X		
	Vehicle refueling operations	X		

	Age and condition of facility components	X		
	Medium volume discharge calculation for a facility	X		
	Facility-specific spill potential analysis	X		
	Maximum most probably discharge for complexes	X		
	Oil recovery devices equal to medium discharge	X		
	Availability of sufficient quantity of boom	X		
	Oil storage capacity for recovered material	X		
	<b>Scenarios Affected by the Response Efforts (sec. 1.5.1.2)</b>			
	Size of the discharge	X		
	Proximity to down gradient wells, waterways, and drinking water intakes	X		
	Proximity to fish and wildlife and sensitive environments	X		
	Likelihood that the discharge will travel offsite (i.e., topography, drainage)	X		
	Location of the material discharged (i.e., on a concrete pad or directly on the soil)	X		
	Material discharged	X		
	Weather or aquatic conditions (i.e., river flow)	X		
	Available remediation equipment	X		
	Probability of a chain reaction of failures	X		
	Direction of discharge pathway	X		

112.20(h)(5)(i)	<b>O. Worst Case Discharge (sec. 1.5.2)</b> (See Appendix A) (When planning for the worst case discharge response all of the factors listed in the small and medium discharge section of the response plan shall be addressed)	YES	NO	N/A
	Facility Specific Worst Case Discharge Scenario	X		
	<b>Description of worst case discharges scenarios addressing facility operations and components including but not limited to (sec. 1.5.1.1):</b>			
	Loading and unloading operations			X
	Facility Maintenance Operation			X
	Facility Piping			X
	Pumping stations and sumps			X
	Oil storage location	X		
	Vehicle refueling operations			X
	Age and condition of facility components	X		

## Facility Response Plan Field Inspection Checklist

### Activity Information

Activity Type	FRP Field Inspection
Activity Date	
EPA Inspector	Elsbeth Hearn

### Facility Information

Facility ID:	FRP Harm Category? <input type="checkbox"/> Substantial Harm <input checked="" type="checkbox"/> Significant & Substantial Harm		
FRP ID:	Complex?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
	If Complex, Shared Jurisdiction?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> N/A
Facility Name: Global Companies LLC - Revere Terminal			
Address: 140 Lee Burbank Highway,			
City: Revere			
State: MA			Zip: 02151
Owner/Operator: Global Companies LLC			
FRP Contact: Don Janik			
Telephone: 617-660-1190			
Email: djanik@globalp.com			
QI: Don Janik			
Telephone: 617-660-1152			
Email:			
Notes/Comments:			

112.20(h), 112 Appendix F Section 1.0	A. General	Yes	No	N/A
112 Appendix F Section 1.0	Copy of FRP is available at the facility	X		
112.20(h)(1), 112 Appendix F Section 1.1	Copy of Emergency Response Action Plan is available at the facility.	X		
112.20(h)(1)(vi), 112.20(h)(3)(vii), 112 Appendix F Section 1.3.5	Evacuation plan is readily available.	X		
Describe how the facility incorporates the FRP into its overall training program: Drills, exercises, notifications, safety briefings: Initial required training for all employees plus during hazwoper 8-hr refreshers yearly, issues from prior years are discussed and any changes to plans are discussed. ERAP training is annual, day-yo-day spill issues are addressed through "toolbox" discussions.				
<b>Notes</b>				

112.20(h), 112 Appendix F Section 1.3.1	B. Spill Notification	Yes	No	N/A
112.20(h)(1)(ii), 112.20(h)(3)(iii), 112 Appendix F Section 1.3.1	Spill notification call-down list contains correct telephone numbers.	X		
112.20(h)(1)(ii), 112.20(h)(3)(iii), 112 Appendix F Section 1.3.1	Emergency contact information has been verified as current.	X		
<b>Notes</b>				

112.20(h)(4), 112 Appendix F Section 1.4	C. Hazard Evaluation	Yes	No	N/A
112 Appendix F Section 1.4.1	Facility total storage capacity corresponds to storage capacity reported in the plan		X	
112 Appendix F Section 1.4.1	Secondary containment is adequate for all aboveground tanks	X		
112 Appendix F Sections 1.4.2 and 1.4.3	Following factors affecting response efforts are properly addressed / characterized:			



	- Discharge volume	X		
	- Proximity to downgradient water	X		
	- Proximity to fish and wildlife and sensitive environments	X		
	- Proximity to drinking water intakes	X		
	- Likelihood that discharge will travel offsite	X		
	- Location of material spilled (i.e., on concrete pad or soil)	X		
	- Type of material discharged	X		
	- Weather or aquatic conditions anticipated during adverse conditions	X		
	- Available remediation equipment	X		
	- Probability of chain reaction or failures	X		
	- Direction of spill	X		
112 Appendix F Section 1.4.4	History of all reportable discharges at the facility is maintained with the FRP	X		
<p><b>EPA inspector observed 5+ tanks (~1000 gal each) are not included in the overall capacity of the facility in the SPCC or FRP plans. The facility informed the inspector that the tanks excluded from the facility capacity were being stored and not in use. There was no indication that these tanks were permanently closed. As per the definition of "permanently closed" in 112.2: Definitions, this would mean that "(1) all liquid and sludge has been removed from each container and connecting line; and (2) all connecting lines and piping have been disconnected from the container and blanked off, all valves, (except for ventilation valves) have been closed and locked, and conspicuous signs have been posted on each container stating that it is a permanently closed container and noting the date of closure."</b></p>				

112 Appendix F Section 1.5	D. Discharge Scenarios	Yes	No	N/A
112.20(h)(5)(i), 112 Appendix F Section 1.5.2	Worst-case discharge scenario described in Plan is accurate (e.g., source and impacts)	X		
112 Appendix F Section 1.5.1	Medium discharge scenario described in Plan is accurate (e.g., source and impacts)	X		
112 Appendix F Section 1.5.1	Small discharge scenario described in Plan is accurate (e.g., source and impacts)	X		
<b>Notes</b>				

112.20(h)(1) and (h)(3)(ix), 112 Appendix F Sections 1.3.6 and 1.6	E. Response Personnel	Yes	No	N/A
112.20(h)(1)(i), 112 Appendix F Section 1.2	Qualified Individual (QI) information (name, title, telephone numbers) is current	X		

112.20(h)(3)(ix), 112 Appendix F Section 1.3.6	QI is aware of, and prepared to fulfill, responsibilities:	X		
112.20(h)(3)(ix)(A), 112 Appendix F Section 1.3.6	- Activate internal alarms and hazard communication systems	X		
112.20(h)(3)(ix)(B), 112 Appendix F Section 1.3.6	- Notify response personnel	X		
112.20(h)(3)(ix)(C), 112 Appendix F Section 1.3.6	- Identify character, exact source, amount, and extent of the release	X		
112.20(h)(3)(ix)(D), 112 Appendix F Section 1.3.6	- Notify and provide information to appropriate Federal, State, and local authorities	X		
112.20(h)(3)(ix)(E), 112 Appendix F Section 1.3.6	- Assess interaction of substances with water and/or other substances stored at facility and notify on-scene response personnel of assessment	X		
112.20(h)(3)(ix)(F), 112 Appendix F Section 1.3.6	- Assess possible hazards to human health and the environment	X		
112.20(h)(3)(ix)(G), 112 Appendix F Section 1.3.6	- Assess and implement prompt removal actions	X		
112.20(h)(3)(ix)(H), 112 Appendix F Section 1.3.6	- Coordinate rescue and response actions	X		
112.20(h)(3)(ix)(I), 112 Appendix F Section 1.3.6	- Access company funding to initiate cleanup activities	X		
112.20(h)(3)(ix)(J), 112 Appendix F Section 1.3.6	- Direct cleanup activities	X		
112 Appendix F Section 1.2	QI has specific response training experience	X		
112 Appendix F Section 1.6	Facility personnel are familiar with procedures for detecting a discharge	X		

**Notes**

112.20, 112 Appendices E and F	F. Response Equipment	Yes	No	N/A
112 Appendix E Section 3.0	Required response resources for a small discharge are provided.	X		
112 Appendix E Section 3.3.1	- 1,000 ft of boom and, if marine transfer facility, boom equal to twice the length of largest vessel	X		
112 Appendix E Section 3.3.1	- Capacity of deploying boom within 1 hour of small discharge	X		
112 Appendix E Section 3.3.2	- Response equipment capable of being deployed within 2 hours of a small discharge	X		
112 Appendix E Section 3.3.2	- Response equipment daily recovery capacity equal to the total volume of small discharge	X		
112 Appendix E Section 12.2	- Temporary storage capacity equal to twice the volume of the small discharge	X		
112 Appendix E Section 4.0	Required response resources for a medium discharge are provided:	X		
112 Appendix E Section 4.5	- Sufficient quantities of boom for containment and collection and for protection	X		
112 Appendix E Section 4.4	- Response equipment daily recovery capacity equal to 50% of total volume of small discharge	X		
112.20(h)(3)(ii), 112 Appendix F Section 1.3.4	Facility has current signed contract with response contractor and/or membership in cleanup co-op.	X		
	- If YES, facility has evidence of contractor's equipment deployment exercises (annually)	X		
112.20, 112 Appendix F	Facility has its own response equipment.	X		
112.20(h)(8)(i) and (ii), 112 Appendix F Section 1.3.3, 112 Appendix F Section 1.8.1.2	- If YES, facility response equipment is regularly inspected (check logs)	X		
112 Appendix F Section 1.3.2	Following equipment is provided and, if so, is operational, accessible, and has adequate capacity:	X		
112 Appendix F Section 1.3.2(1)	- Skimmers	X		
112 Appendix F Section 1.3.2(1)	- Pumps	X		

112 Appendix F Section 1.3.2(2)	- Containment booms	X		
112 Appendix F Section 1.3.2(5)	- Sorbents	X		
112 Appendix F Section 1.3.2(3)	- Chemical countermeasures	X		
112 Appendix F Section 1.3.2(7)	- Communication equipment	X		
112 Appendix F Section 1.3.2(8)	- Firefighting equipment	X		
112 Appendix F Section 1.3.2(8)	- Personal protective equipment	X		
112 Appendix F Section 1.3.2(9)	- Other equipment, boots, motors, etc.	X		
112 Appendix F Section 1.7.2	Procedures have been established for recovering, reusing, decontaminating or disposing of materials	X		
<b>Notes</b>				

112 Appendix F Section 1.8.1	<b>G. Self Inspection</b>	Yes	No	N/A
112 Appendix F Section 1.8.1	Records of tank inspections are maintained (check last 5 years of records)	X		
	The following industry standard(s) are used to inspect aboveground bulk storage containers:			
	- Steel Tank Institute (STI) SP-001	X		
	- American Petroleum Institute (API) Standard 653	X		
	- Hybrid program developed by Professional Engineer			X
	- Other (specify in notes/comments section below)			X
112 Appendix F Section 1.8.1	Records of secondary containment inspections are maintained (check last 5 years of records)	X		
112.20(h)(6), 112 Appendix F Section 1.6	Automatic discharge detection/prevention systems are inspected/tested regularly (overfill alarms, secondary containment sensors)	X		
112 Appendix F Section 1.8.3	Discharge prevention meetings are held periodically (check last 5 years of records)	X		
<b>Notes</b>				



112.20(h)(8)(ii), 112.21, Appendix F Section 1.8.2	H. Drills/Exercises	Yes	No	N/A
112.21(c), 112 Appendix F Section 1.8.2	Facility drills/exercises program is based on National Preparedness for Response Exercise Program (PREP) Guidelines	X		
	- If NO, alternative program has been approved by the EPA RA.			X
	QI notification drills are performed (quarterly)	X		
	Spill Management Team Tabletop Exercises are performed (annually)	X		
	Facility Equipment Deployment Exercises are performed (semi-annually)	X		
	Unannounced Exercises are performed (annually)	X		
	Area Exercises are performed	X		

112.20(h)(9), 112 Appendix F Section 1.9	I. Diagrams	Yes	No	N/A
112 Appendix F Section 1.9(1)	Site plan diagram appears to accurately represent the facility	X		
112 Appendix F Section 1.9(2)	Drainage plan appears to accurately represent the facility	X		

[illegible]




Photo Documentation Log	
Photo Number	Description (include date, location and direction)
1	Tank 3 - high water line along steel of tank and water around foundation
2	Tank 7 - vegetation growing between foundation and chime
3	Groundhog hole in secondary containment
4	South side dike of Revco Facility has slumped over a product pipe and the pipe is half buried & pipe supports have failed
5	
6	
7	
8	
9	
10	
11	